denver apple pi SEED

JULY 1987

NEWSLETTER FOR APPLE COMPUTER USERS

From the Pres...

As the computer industry has changed, so have the users. Unfortunately, Apple Pi has not always kept up with changing user needs as we could have. As a result, over the last few years memberships have declined from a peak of over 750, to around 350.

At one time, information and help for your Apple computers was hard to get. Apple Pi originally was a place of information, where people got together and shared what they knew. Apple Pi gave you help that the stores couldn't, and free programs that worked decently for the time. But now things are different, and information is abundant. People no longer use user groups to get information, and programs of every type are commercially available. The number of people attending the monthly meeting is around 50. Apple Pi now has to change its objectives, but the officers alone should not decide on this. The reason is because it is not a club to serve us, but you, the members who make up Apple Pi. This is your club, and I/we need to know what each & every one of you want from it. We need to know what changes you want to see, and we are open to anything you have to say. Everything will be considered, from the day of the meetings, to what its orientation is. If you are not a current member, tell us what you want Apple Pi to be. Is Thursday a bad night? Should Apple Pi orient itself towards the //gs? Should courses be taught (such as Appleworks)? Let us know and you will see the changes. Just fill out the questionnaire elsewhere in this issue of the Seed & send it in. Your feedback is essential to us.

Among other things, the new officers have been elected at the general meeting held May 7. Help is still wanted though, as we need a permanent vice president (currently filled pro-tem by Randall Ansley, who is also the editor for the Seed). Your new officers for the 1987-88 year are:

President.....Kevin Kralian
Vice President.....Randall Ansley
Secretary.....Jeanette Stanton
Treasurer.....Paul Carrier
Board Member at large.....Tom Angelos
Board Member at large....Joann Bachman
Board Member at large.....Paul Wencko

----Supporting positions---

Editor.....Randall Ansley
BBS operator.....Robert Racansky
Software Librarian.....Jack Norton
Assistant librarian.....Erik Von Halle
...Richard Schloeman
Store Officer.....Larry Fagan
Preparation.....Fran Baxter

I would like to thank all who showed up for the May meeting, especially all who took an office or a supporting position. As I said before, more people are needed. If you can give a little time & work to help, please go to any Apple Pi officer at the next meeting.

I will continue giving a monthly report, such as this one. Thank you for taking the few minutes to fill out & send in the questionnaire included in this issue of the Seed; it will help mold the future of Apple Pi. Remember, we still need a vice-president. See you at the July meeting!

Kevin Kralian,

President.

CLOSED FOR THE 4th

Apple Pi will not have a July Core Meet because of the holiday weekend. You will be able to get disk copies from the library at the Thursday general meeting. See you at the general meeting!!!

NEW MEMBER DRIVE (is that a 5 1/4?)

Apple Pi would like to kick off a membership drive. We want Apple Pi to be the source for Apple information in the Denver area. Without question we have to best software library, and the best collection of human-ware to answer questions about Apple computers, software, programming and the like. Apple Pi has had some of the best guests in the industry speak at our meetings. We would like to share the club with others by having them join us. To help you help the club and its membership drive we have put together a special program.

1) New members will save $3.00 when they join. Membership in Apple Pi is $18.00 plus a one time fee of $10.00 for a total of $28.00. Now they can join for $18.00 plus $7.00 for a total of $25.00. In addition they will get a free DOM (a $5 value) when they join Denver Apple Pi.

2) For the member of Apple Pi who brings in a new member, or members, you will receive 3 free months added to your membership and 3 free DOMs (of your choosing) for each member that you bring into the club. If you figure it out, that's $19.50 worth of goodies.

So bring your friends to Apple Pi and become more active yourself. We hope to see you and a friend at the next meeting.

TREASURER'S REPORT

6/1/87 through 6/15/87

Paul Carrier, our new treasurer, submits the following report. A more comprehensive report will be forthcoming next month after he has had time to work on it.

Beginning Cash Balance	$ 304.10
Deposits	534.08
Balance	838.18
Expenses	29.40
Ending Cash Balance	808.78

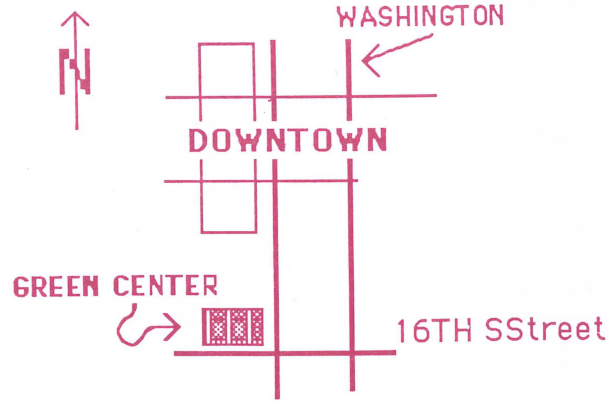
=-=-= Apple Pi gets new BBS =-=-=

The Apple Pi BBS will have a new home and a new name. The BBS, up until now called the "Apple Pi BBS" will be called the "Apple Pi a la Modem". Apple Pi a la Modem will run on the fantastic software by Protree and can be called on 427-7114. For the next few weeks the Apple Pi BBS will also be running on the old number 422-3716.

The new board, Apple Pi a la Modem, will be free to all users for the time being. However, a plan has been developed to charge a small fee to users ($4/yr. for members and $12/yr. for non-members) to help pay for the system and future upgrades. The software will support multiple phone lines and one of the future upgrades will be the ability to have more than one caller on line at a time. Apple Pi a la Modem will have a bunch of new downloads and goodies that you have asked for for a long time.

Give Apple Pi a la Modem a call. If you like what you see then post the new number on other local boards and ask them to check out the new Apple Pi board.

GENERAL MEETING



GREEN CENTER
COLO. SCHOOL OF MINES
GOLDEN, COLORADO

7:00 PM first Thursday of each month

FUNCTIONS

It has been my experience that the functions available in Applesoft Basic are often inadequate for my needs. Having only one arc-trigonometric function makes many problems difficult. So, in hope that other people might benefit from this information, I have researched (for nearly ten minutes) and found how to get the other formulas from the Third Edition of the Apple][User's Guide by Lon Poole.

```
   TRIGONOMETRIC FUNCTION

   SINE       = SIN(X)
   COSINE     = COS(X)
   TANGENT    = TAN(X)
   COSECANT   = 1/SIN(X)
   SECANT     = 1/COS(X)
   COTANGENT  = 1/TAN(X)

   INVERSE TRIGONOMETRIC FUNCTIONS

   ARC SINE       = ATN(X/SQR(-X*X+1))
   ARC COSINE=-ATN(X/SQR(-X*X+1))+1.5707633
   ARC TANGENT    = ATN(X)
   ARC COSECANT   = ATN(1/SQR(X*X-1))+
                    (SGN(X)-1)*1.5707633
   ARC SECANT     = ATN(SQR(X*X-1)) +
                    (SGN(X)-1)*1.5707633
   ARC COTANGENT = -ATN(X) + 1.5707633

HYPERBOLIC TRIGONOMETRIC FUNCTIONS

   H SINE           = (EXP(X)-EXP(-X))/2
   H COSINE         = (EXP(X)+EXP(-X))/2
   H TANGENT        = (-EXP(X)/EXP(X)+
                      EXP(-X))*2+1
   H COSECANT       = 2/(EXP(X)-EXP(-X))
   H SECANT         = 2/(EXP(X)+EXP(-X))
   H COTANGENT      = EXP(-X)/(EXP(X)-
                      EXP(-X))*2+1
   H ARC SINE       = LOG(X+SQR(X*X+1))
   H ARC COSINE     = LOG(X+SQR(X*X>-1))
          YES, THIS IS LEGAL
   H ARC TANGENT    = LOG((1+X)/(1-X))/2
   H ARC COSECANT   = LOG((SGN(X)*
                      SQR(X*X+1)+1)/X)
   H ARC SECANT     = LOG((SQR(-X*X+1)+1)/X)
   H ARC COTANGENT = LOG((X+1)/(X-1))/2

LOG/EXPONENT FUNCTIONS

   X POWERED TO A  = X  A
   X ROOTED TO A   = X  (1/A)
   e POWERED TO A  = EXP(A)
   NATURAL LOG     = LOG(X)
   COMMON LOG      = LOG(X)/2.30258509
   LOG BASE A OF X = LOG(X)/LOG(A)
```

I hope these help you.

by Eric Crosby

ABOUT PI

Apple Pi is an Apple Computer Users Group, not affiliated with Apple Computer , Inc. The words APPLE, APPLE COMPUTER, and the APPLE LOGO are registered trademarks of the Apple Computer Company, Inc. Representation of these trademarks in thhe Seed does not constitute any expression of agreement or disagreement by Apple Computerr, Inc. with any articles or other printed material found in the Seed. The opinions, policies and comments contained in the Seed are those of the Apple Pi users group, officers, and members.

Articles, stories, and other items in the Seed may be copied or used by otherr clubs or groups as long as credit is given to Denver Apple Pi and the author of the article. On reprints, please include the date or volume number from the Seed.

Current membership dues are $18.00 per year, with a one-time application fee of $ 7.00. Member benefits include:

MONTHLY MEETINGS - information, new product announcements, short business meeting, oppotunity to buy supplies at a little above cost, door prizes.

CORE MEETING - monthly informal opportunity to share ideas, copy programs from the library, and buy supplies.

DISK OF THE MONTH - a collection of some of the best programs donated to Apple Pi

PROGRAM LIBRARY - over 9000 public domain programs

Questionnaire-

--> Circle All that apply, or fill in blank (answer what you want).

What days you could attend an Apple Pi meeting?
Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday.

Is Golden too far for you to attend meetings? Yes / No

What city do you live in?
_____

Are you a current member of Apple Pi? Yes / No

Do you belong to any other computer user groups? If so, list them:
_____

Do you want Apple Pi to support the //gs more thoroughly? Yes / No

Do you want Apple Pi to start a library of //gs software? Yes / No

What kind(s) of computer(s) do you have?
_____

What kind(s) do you plan to get?
_____

How long have you used a micro computer
_____

Do you do your own programming? Y / N

Would you like Apple Pi to offer a class in: BASIC, PASCAL, ASSEMBLER, KOWAL, FORTRAN, LISP, OTHER _____

What do you want to see at the general meetings?
Hardware, Software, Guest Speakers, New Computers, Contests, Entertainment, Technical Programming,
Other_____

Comments about anything?
_____
_____
_____
_____

Reprinted from Apple Dayton-

WAYS TO HELP YOUR CLUB:

1) Don't come to the meetings. But if you do come, come late.

2) Find fault with the work of the officers and other members.

3) Never volunteer. (It's easier to criticize than to do things.)

4) If asked for your opinion, don't give it. But afterwards, tell everyone how things should be done.

5) Do nothing more then is absolutely necessary. But when others roll up their sleeves willingly and unselfishly, tell them that they're not doing it right.

6) Don't bother about the new member who may not be as technically competent as yourself -- let the other fellow do it.

---

denver apple pi

P.O. Box 17467
Denver, CO 80217

BULK RATE
U.S. POSTAGE
PAID
DENVER, CO
PERMIT-3182

Dec 88

Date on label is your renewal date.